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HIGHLY TRANSPARENT MULTILAYER CONTAINER

Patent number: JP7291248
Publication date: 1995-11-07
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Classification:
- **International:** B65D1/09
- **European:**
Application number: JP19940124762 19940427
Priority number(s): JP19940124762 19940427

Abstract of JP7291248

PURPOSE: To obtain a multilayer container excellent in impact resistance, gas-barrier property and transparency. **CONSTITUTION:** The inner and outer layers of a container are formed of a propylene/ethylene random copolymer layer containing the polymer of unsaturated monomers having at least 5 carbon atoms as a nucleating agent and the intermediate layer thereof is formed of a barrier layer consisting of an ethylene/vinyl alcohol copolymer containing 40-20mol.% ethylene. A highly transparent multilayer container is made by a solid phase forming method using a laminated sheet having arranged between each of the inner and outer layers and the intermediate layer the adhesive layers consisting of carboxylic acid modified polypropylene resin. The intermediate layer contains a blend of the ethylene/vinyl alcohol copolymer and a xylene group-containing polyamide.

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